



1/26

```

**      **      **      ***      **      *      *      *
IL-7human MFH..... .VSFRYIFGL PPLILVLLPV ASSDCDIEGK DGKQYESVLM
IL-7sheep MFH..... .VSFRYIFGI PPLILVLLPV ASSDCDFSGK DGGAYQNVLM
IL-7bovin MFH..... .VSFRYIFGI PPLILVLLPV ASSDCDISGK DGGAYQNVLM
IL-7mouse MFH..... .VSFRYIFGI PPLILVLLPV TSSECHIKDK EGKAYESVLM
      IL-7rat MFH..... .VSFRYIFGI PPLILVLLPV TSSDCHIKDK DGKAFGSVLM
ILB50human MFPFALLXVL SVSFRKIFIL QLVGLVLT.Y DFTNCDFE.K IKAAYLSTIS

```

helix A

```

*      *      *      *      *
IL-7human VSIDQLDSM KEIGSNCLNN EFNFFKRHC DANKEGMFLF RAARKLRQFL
IL-7sheep VSIDDL.DNM INFDSNCLNN EPNFFKKHSC DDNKEASFNL RAARKLKQFL
IL-7bovin VNIDDL.DNM INFDSNCLNN EPNFFKKHSC DDNKEASFNL RASRKLKQFL
IL-7mouse ISIDEL.DKM TGTDSNCPNN EPNFFRKHVC DDTKEAAFLN RAARKLKQFL
      IL-7rat ISINQL.DKM TGTDSDCPNN EPNFFKKHLC DDTKEAAFLN RAARKLRQFL
ILB50human KDLITY...M SGTGSTEFNN TVSCSNRPHC LTEIQSLTFN PTAGCASLAK
      ^^^^

```

strand 1 helix B

FIG. 1A

2/26

	*		*	*
IL-7human	KMNSTGDFDL	HLLKVSEGT	ILLNCTGQVK	GRKPAALGEA QPTKSLEENK
IL-7sheep	KMNISDDFKL	HLSTVSQGT	TLLNCTSKGK	GRKPPSLGEA QPTKNLEENK
IL-7bovin	KMNISDDFKL	HLSTVSQGT	TLLNCTSKGK	GRKPPSLSEA QPTKNLEENK
IL-7mouse	KMNISEEFNV	HLLTVSQGTQ	TLVNCTSK..EEK
IL-7rat	KMNISEEFND	HLLRVSDGTQ	TLVNCTSK..EEK
ILB50human	EMFAMKTKAA	LAIWCPGYSE	TQINATQA..MK

helix C

	*		*
IL-7human	SLKEQKKLND	LCFLKRLLQE	IKTCWNKILM GTKEH
IL-7sheep	SLKEQRKQND	LCFLKILLQK	IKTCWNKILR GITEH
IL-7bovin	SSKEQKKQND	LCFLKILLQK	IKTCWNKILR GIKHEH
IL-7mouse	NVKEQKK.ND	ACFLKRLLRE	IKTCWNKILK GSI..
IL-7rat	TIKEQKK.ND	PCFLKRLLRE	IKTCWNKILK GSI..
ILB50human	KRRKRKVTTN	KCLEQVSQLO	GLWRRFRNRP LKQQ.

^^^-----

strand 2 helix D

FIG. 1B

3/26

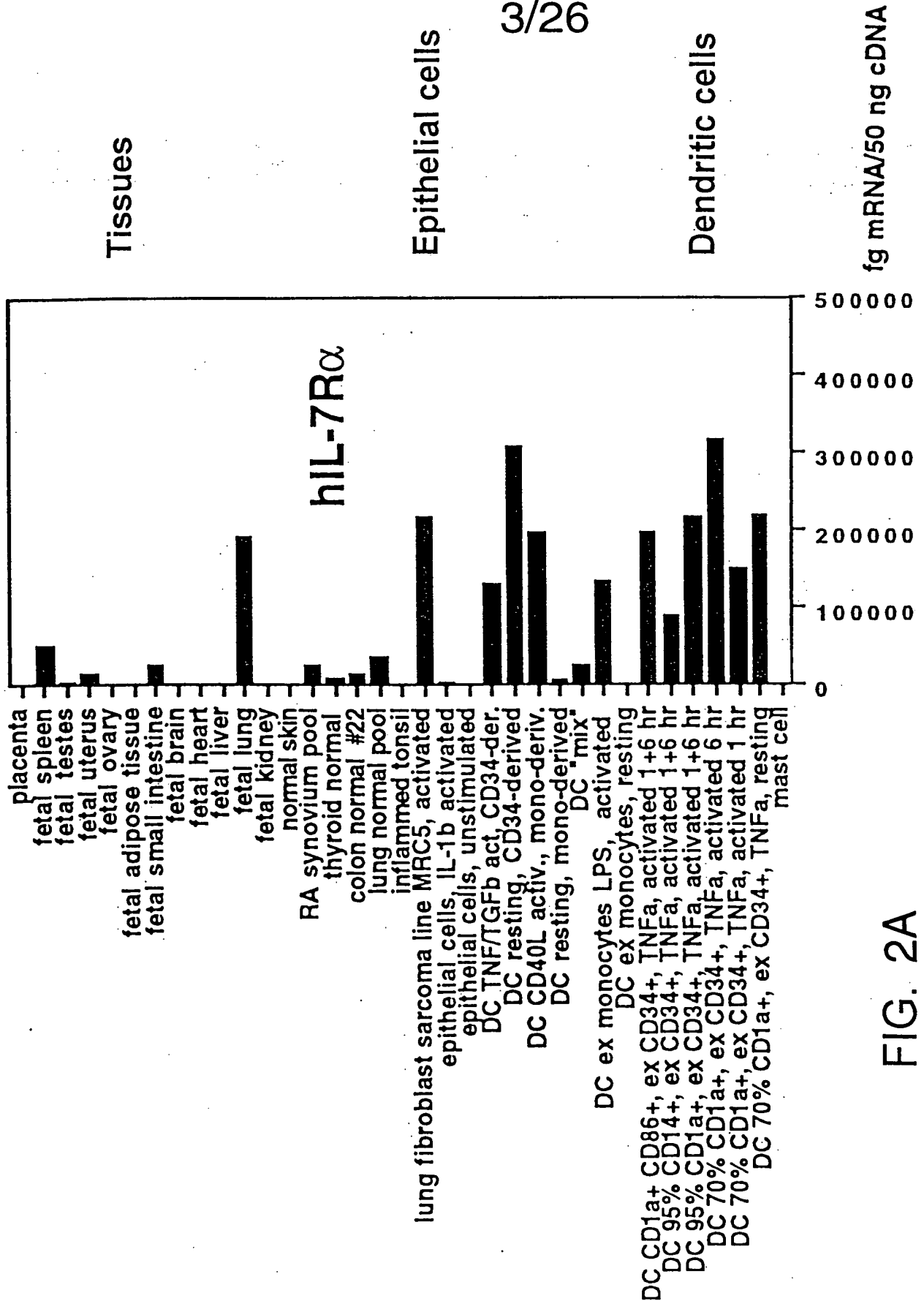


FIG. 2A

4/26

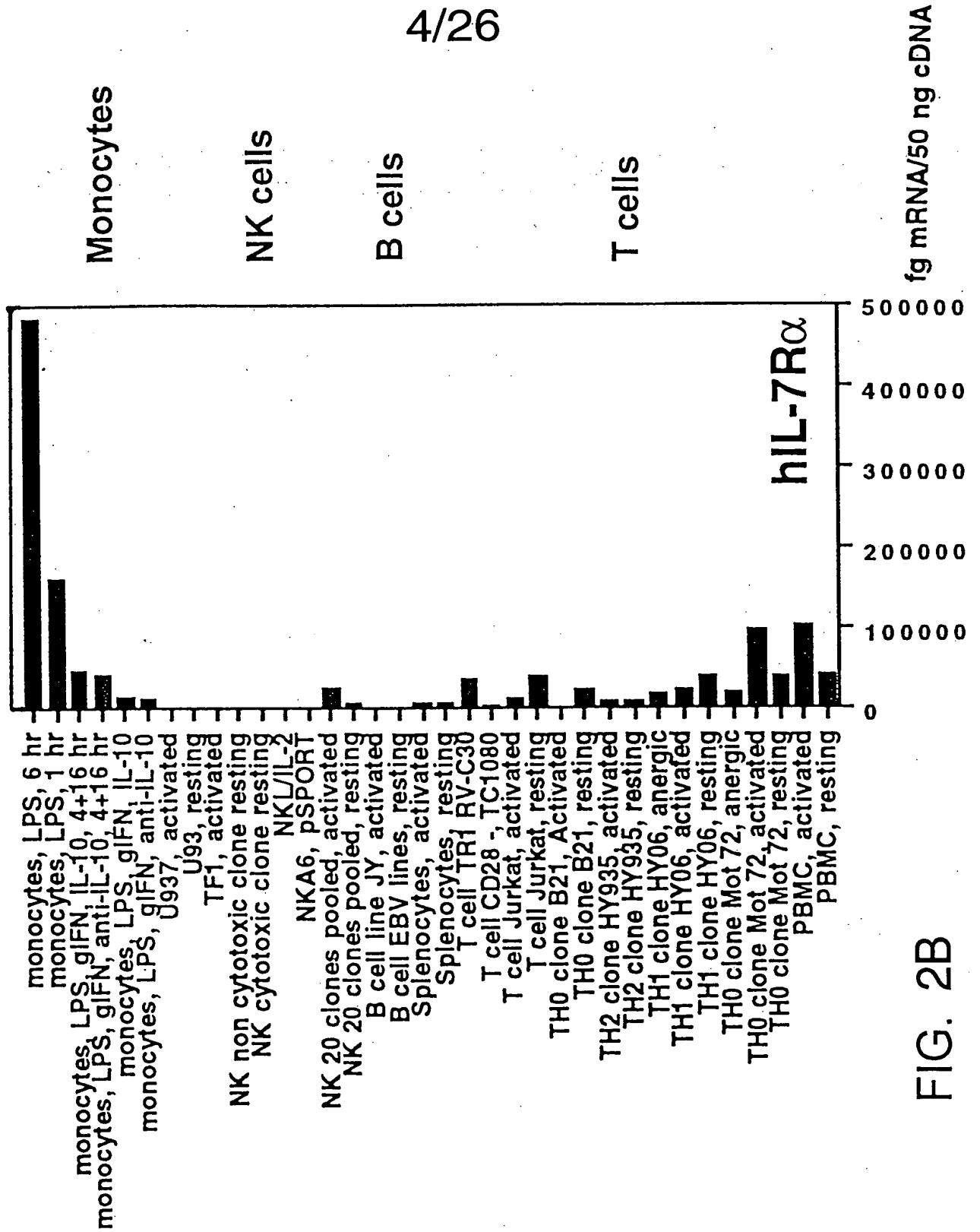


FIG. 2B

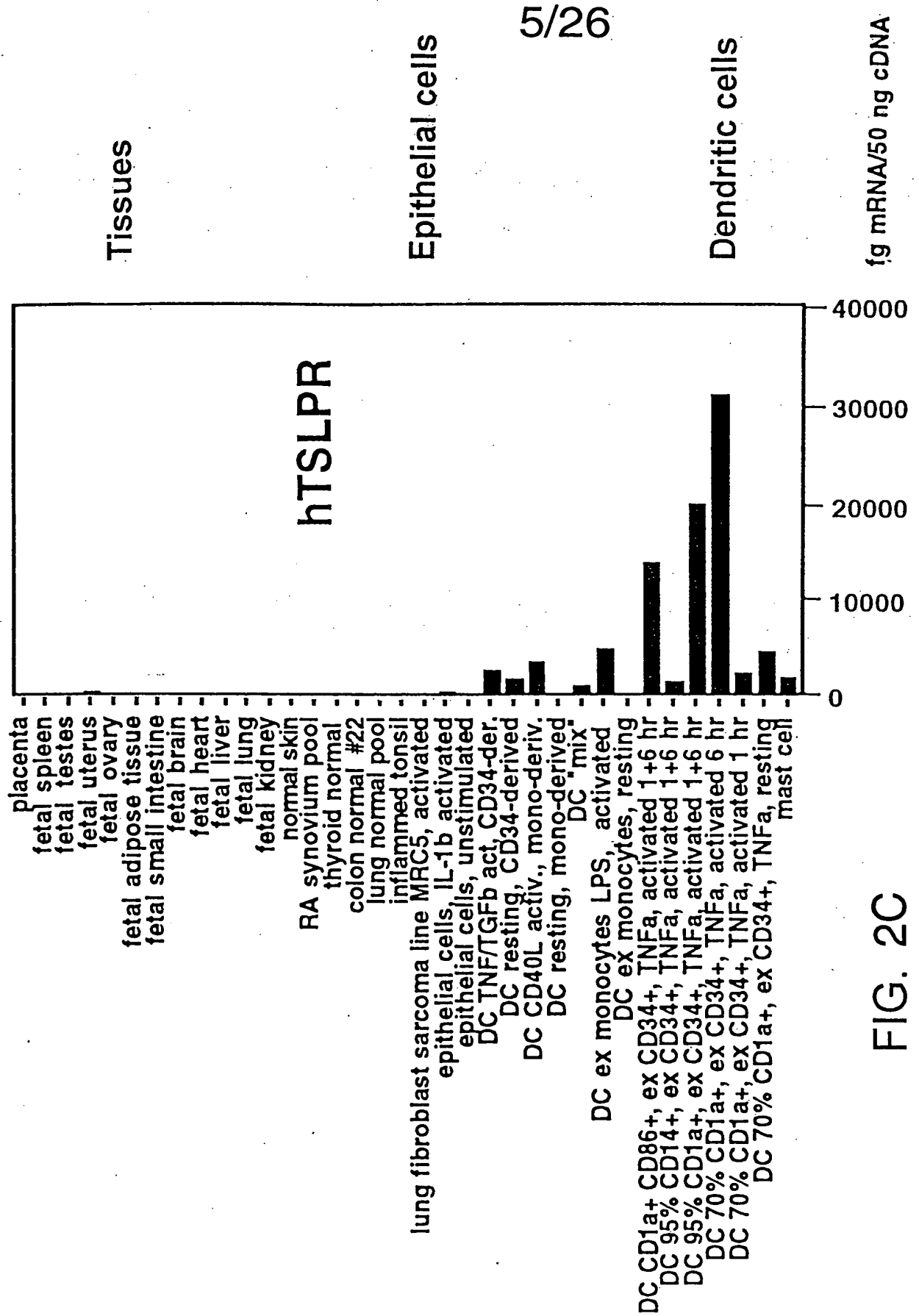


FIG. 2C

6/26

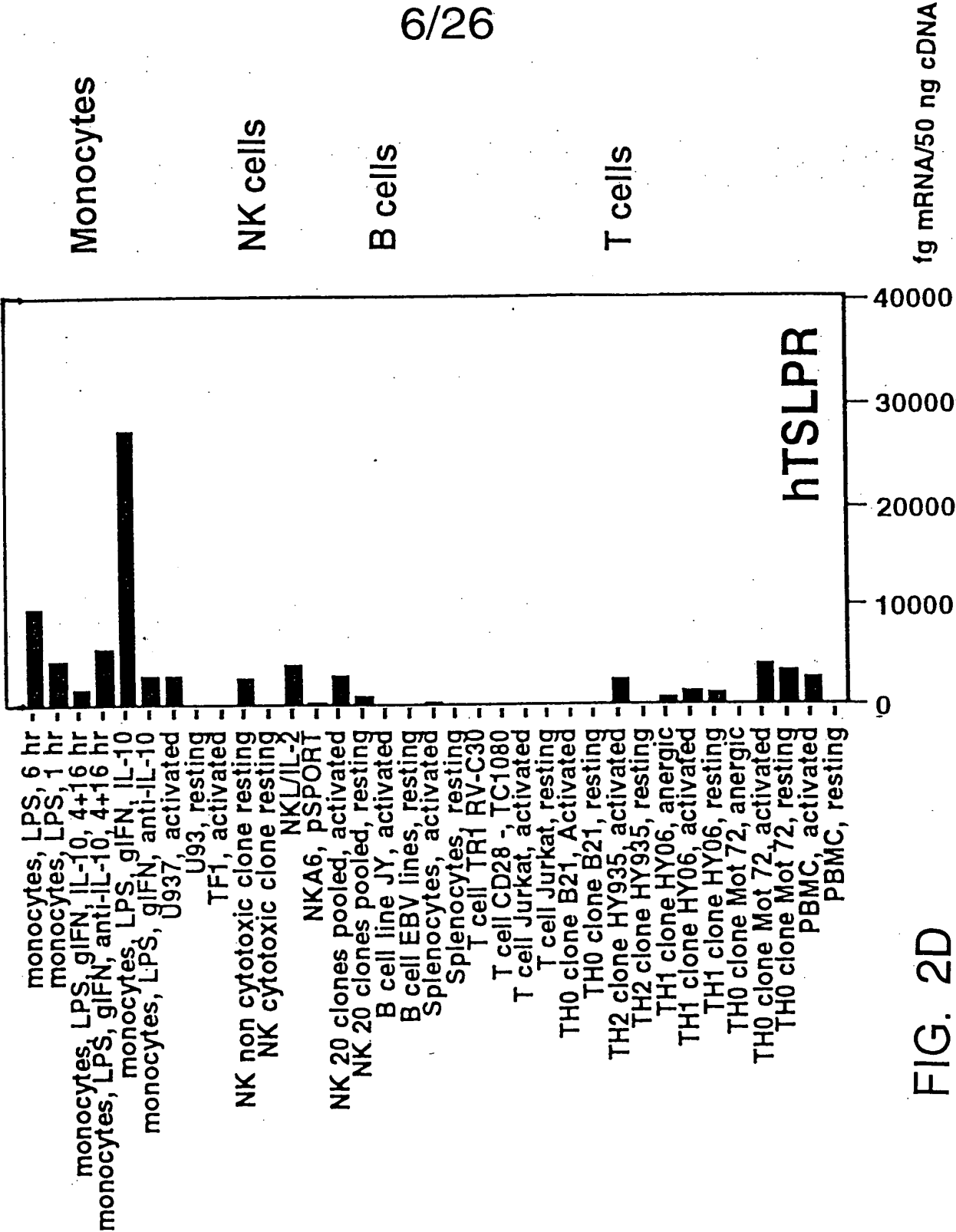


FIG. 2D

7/26

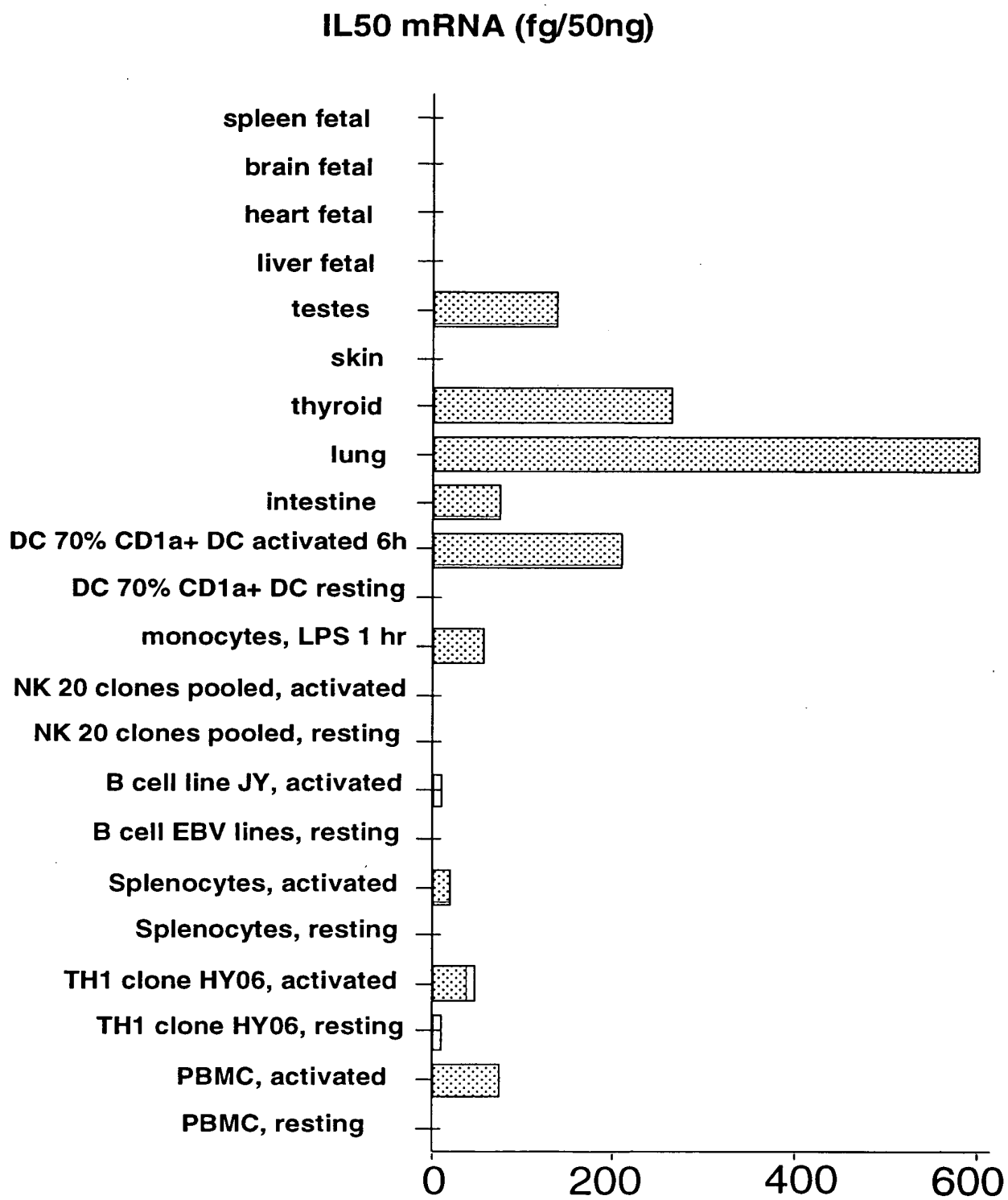


FIG. 2E

8/26

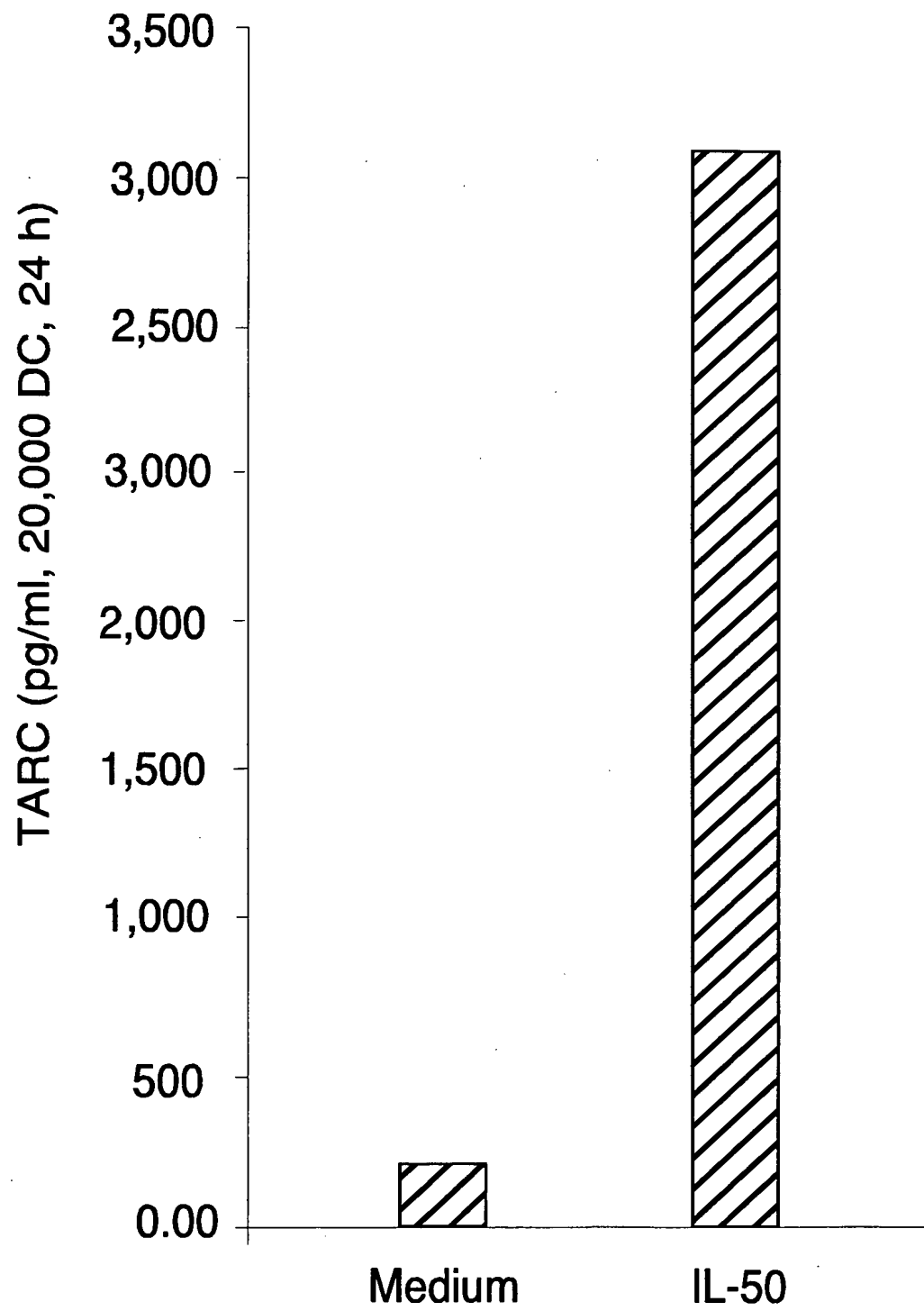


FIG. 3

9/26

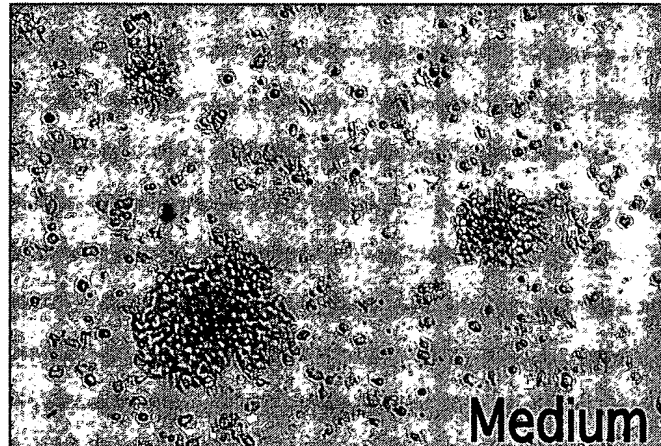


FIG. 4A

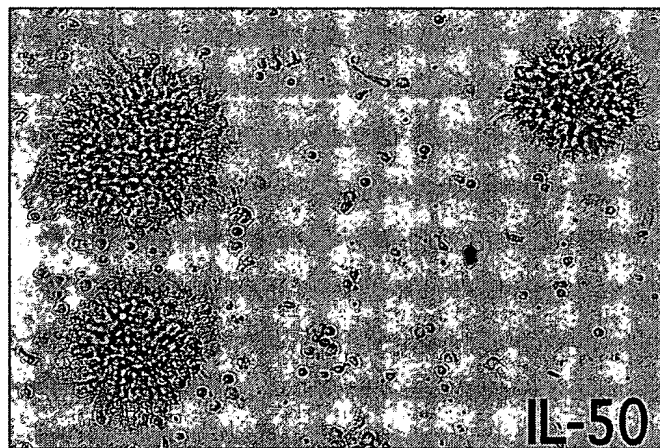


FIG. 4B

10/26

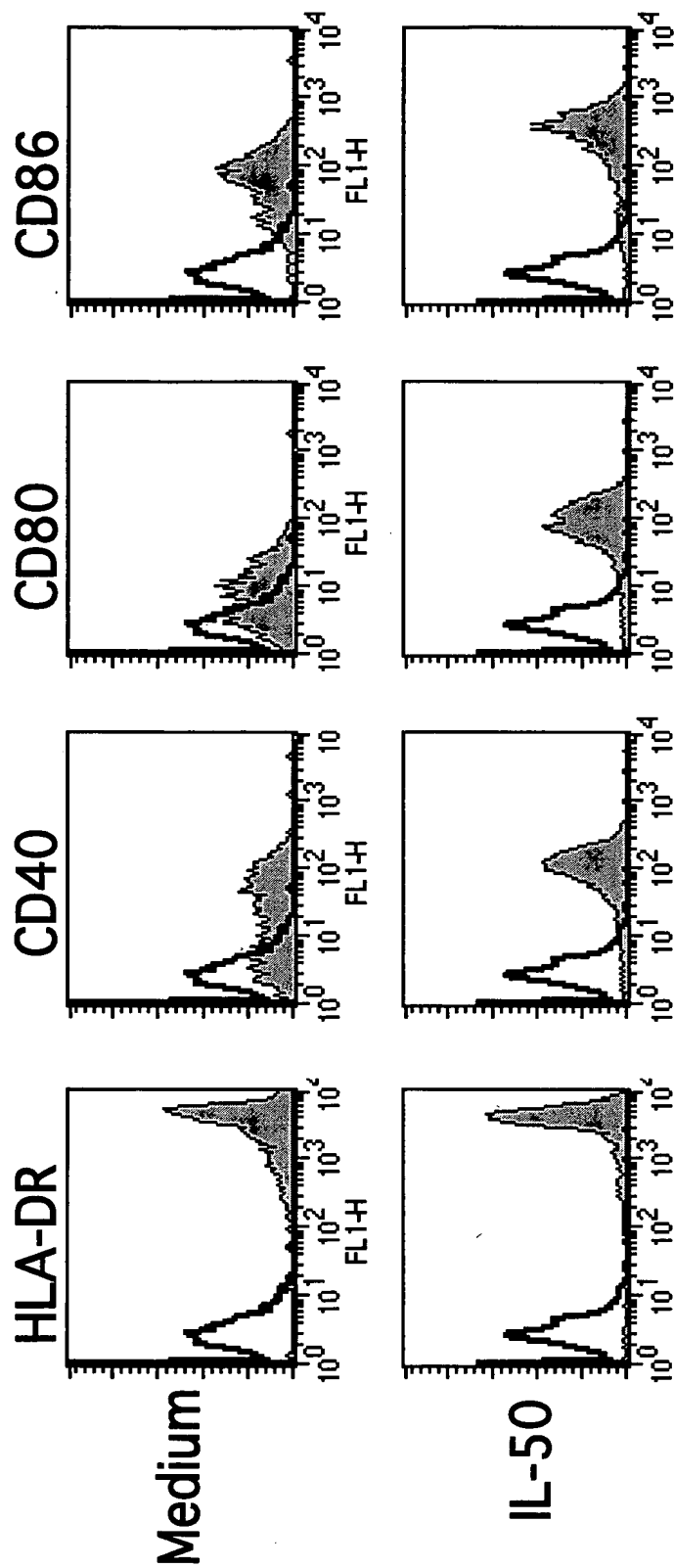


FIG. 5

11/26

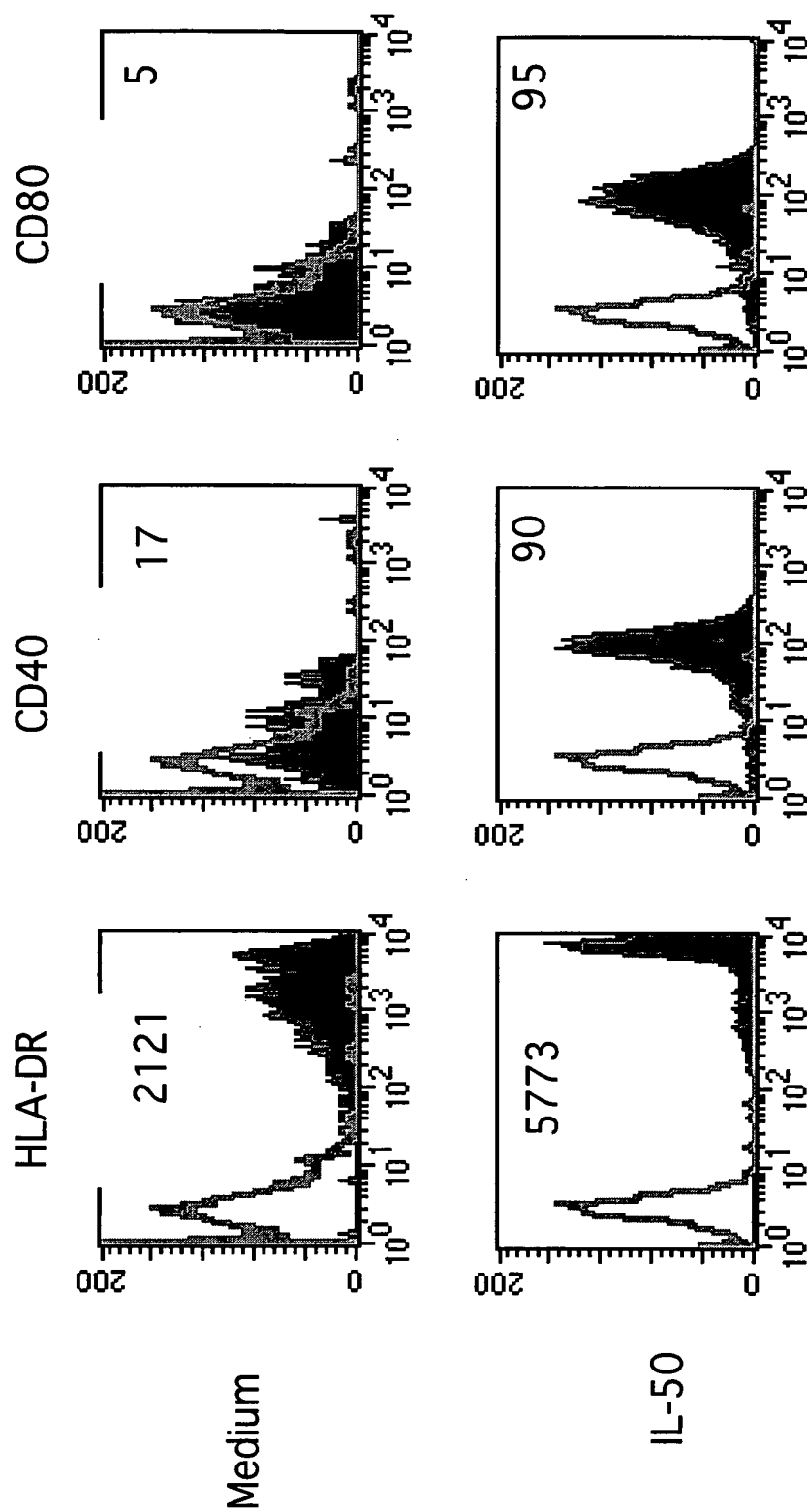


FIG. 6A

12/26

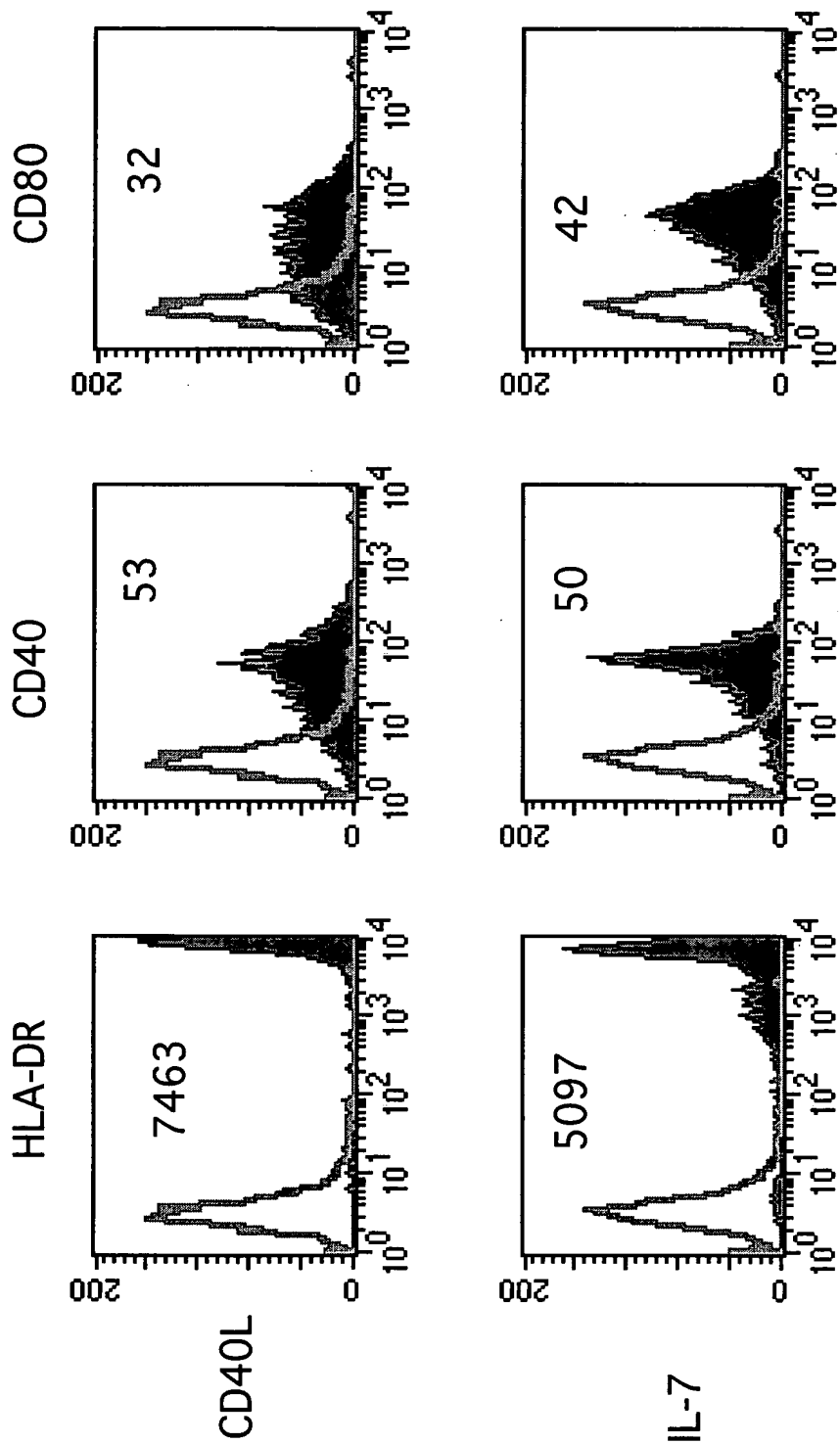


FIG. 6B

13/26

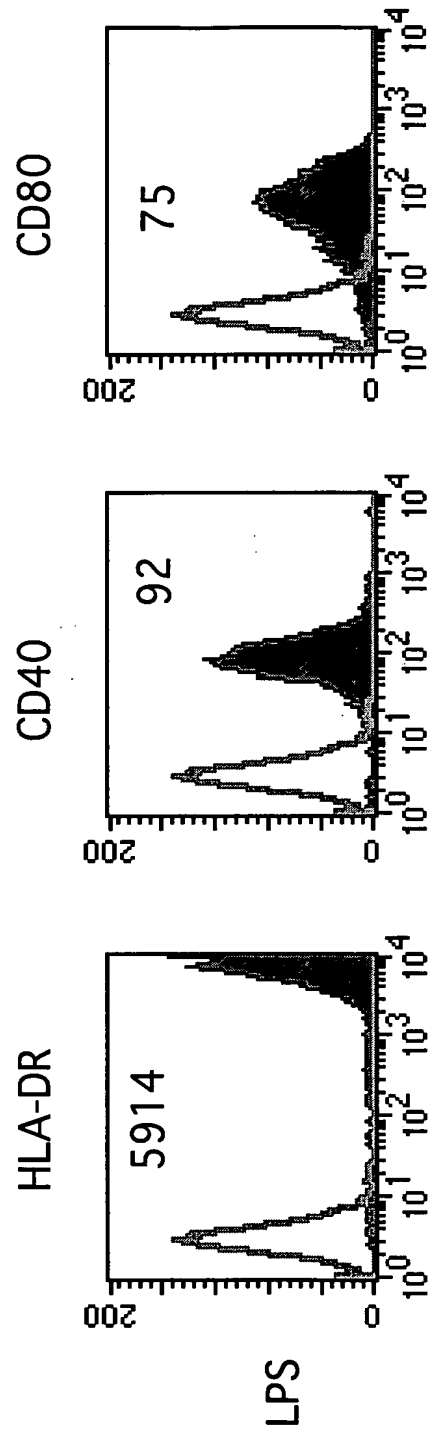


FIG. 6C

14/26

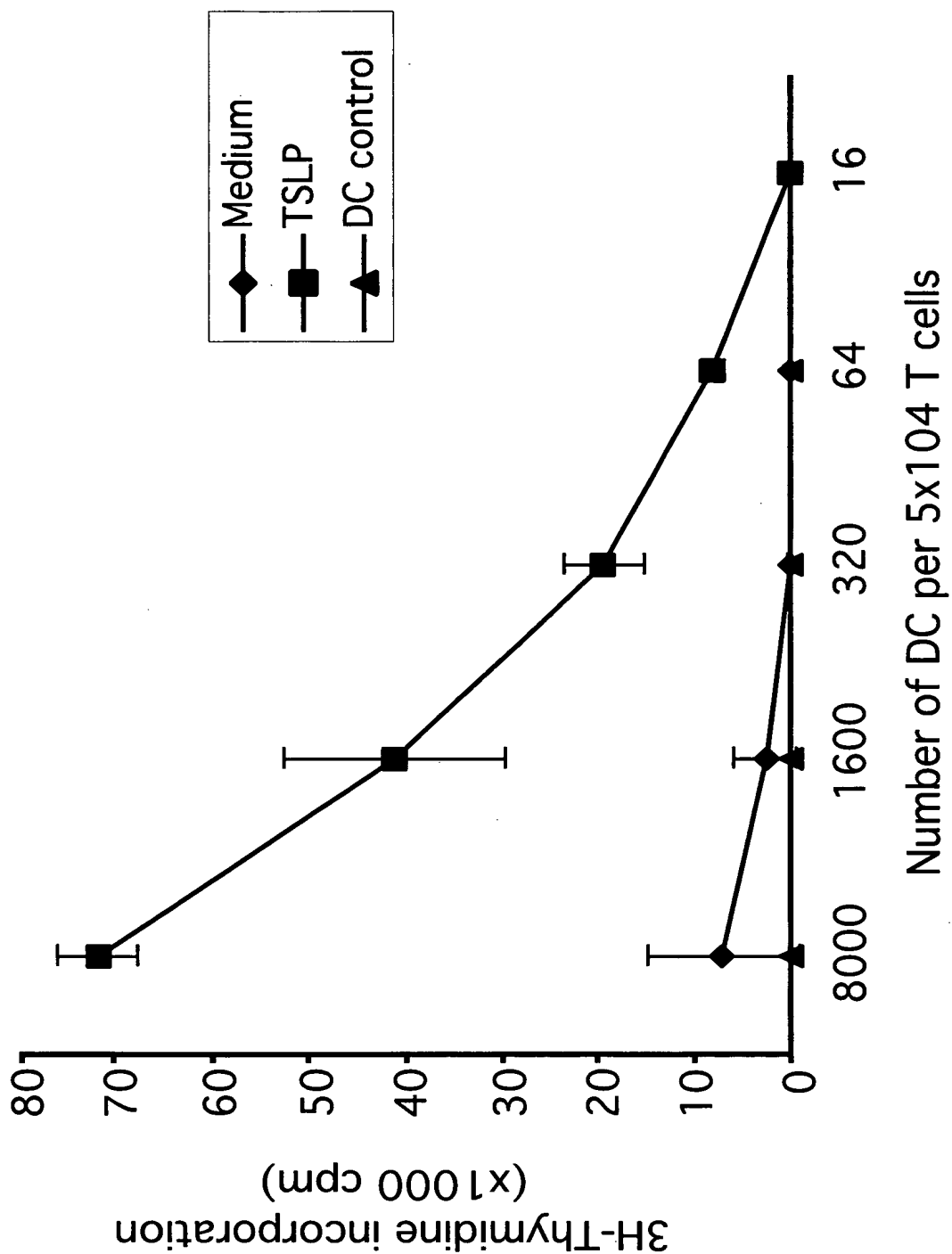


FIG. 7

15/26

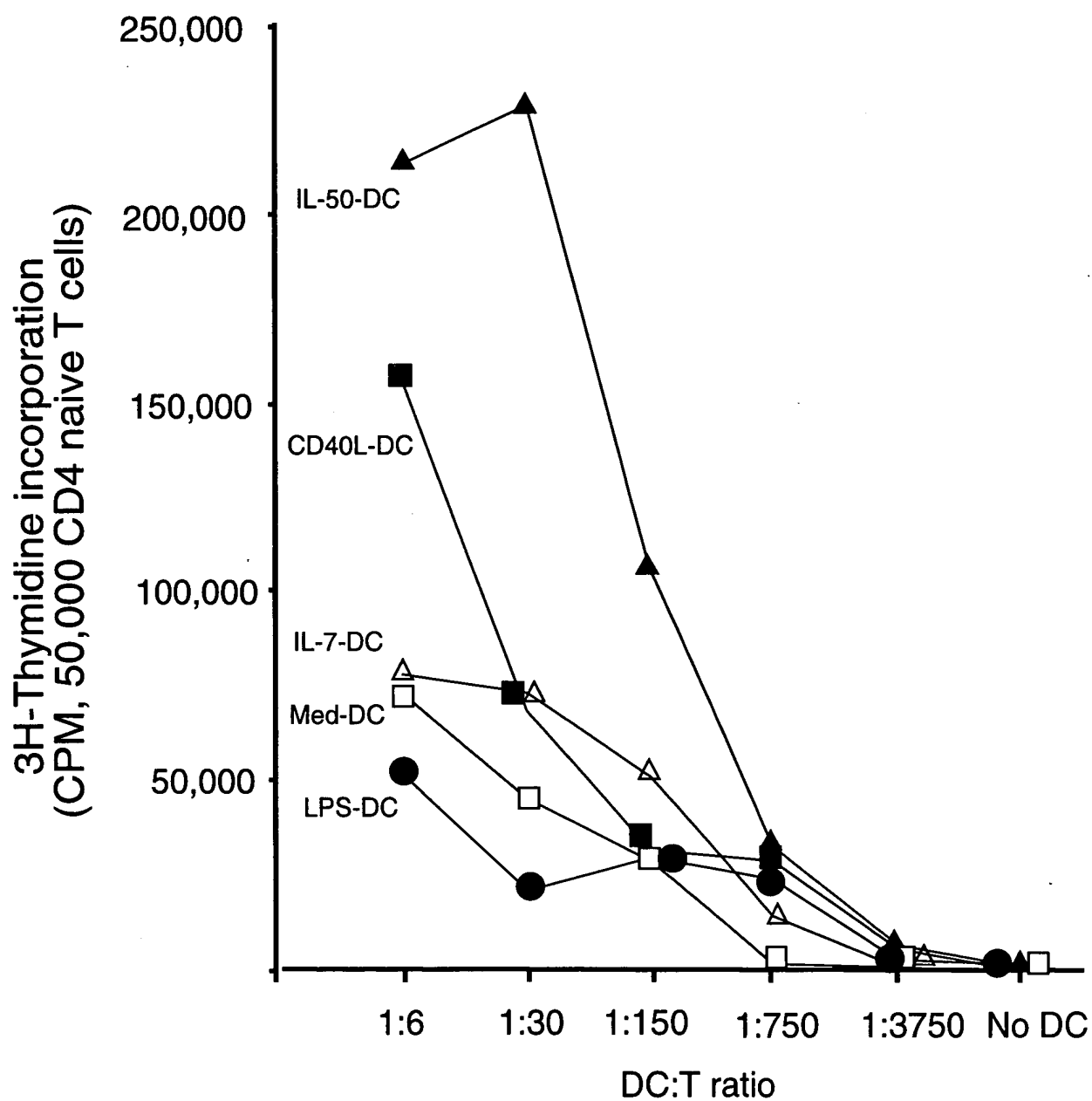


FIG. 8

16/26

IL-4

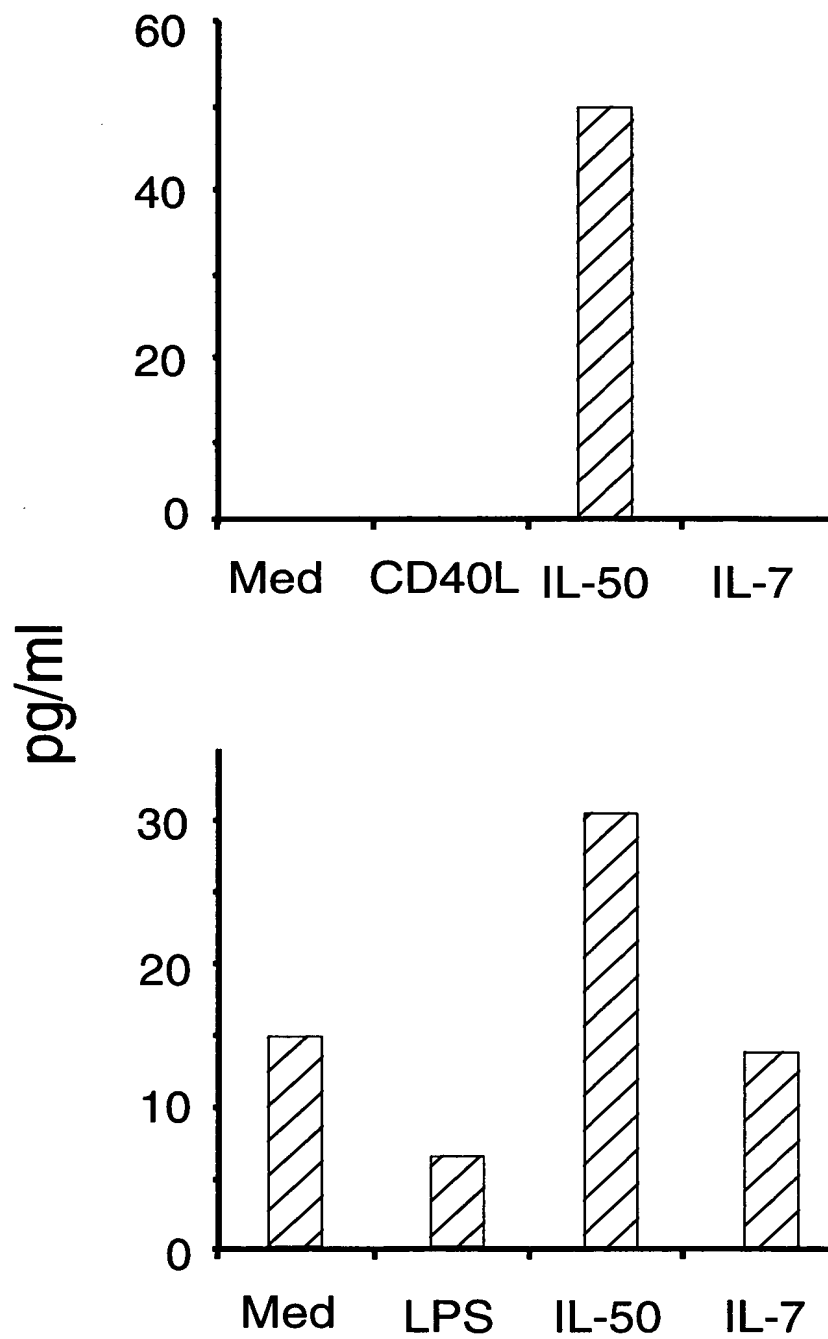


FIG. 9A

17/26

IL-13

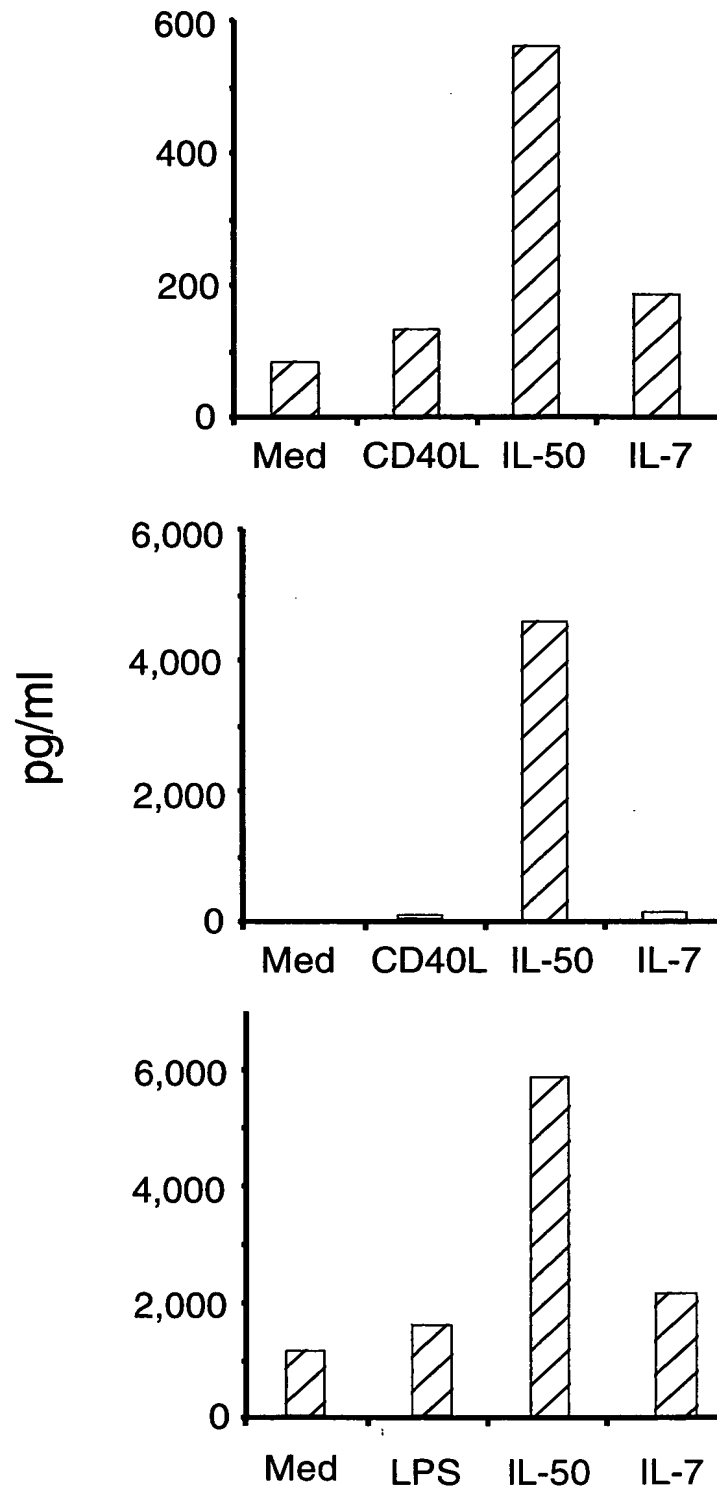


FIG. 9B

18/26

IFN- γ

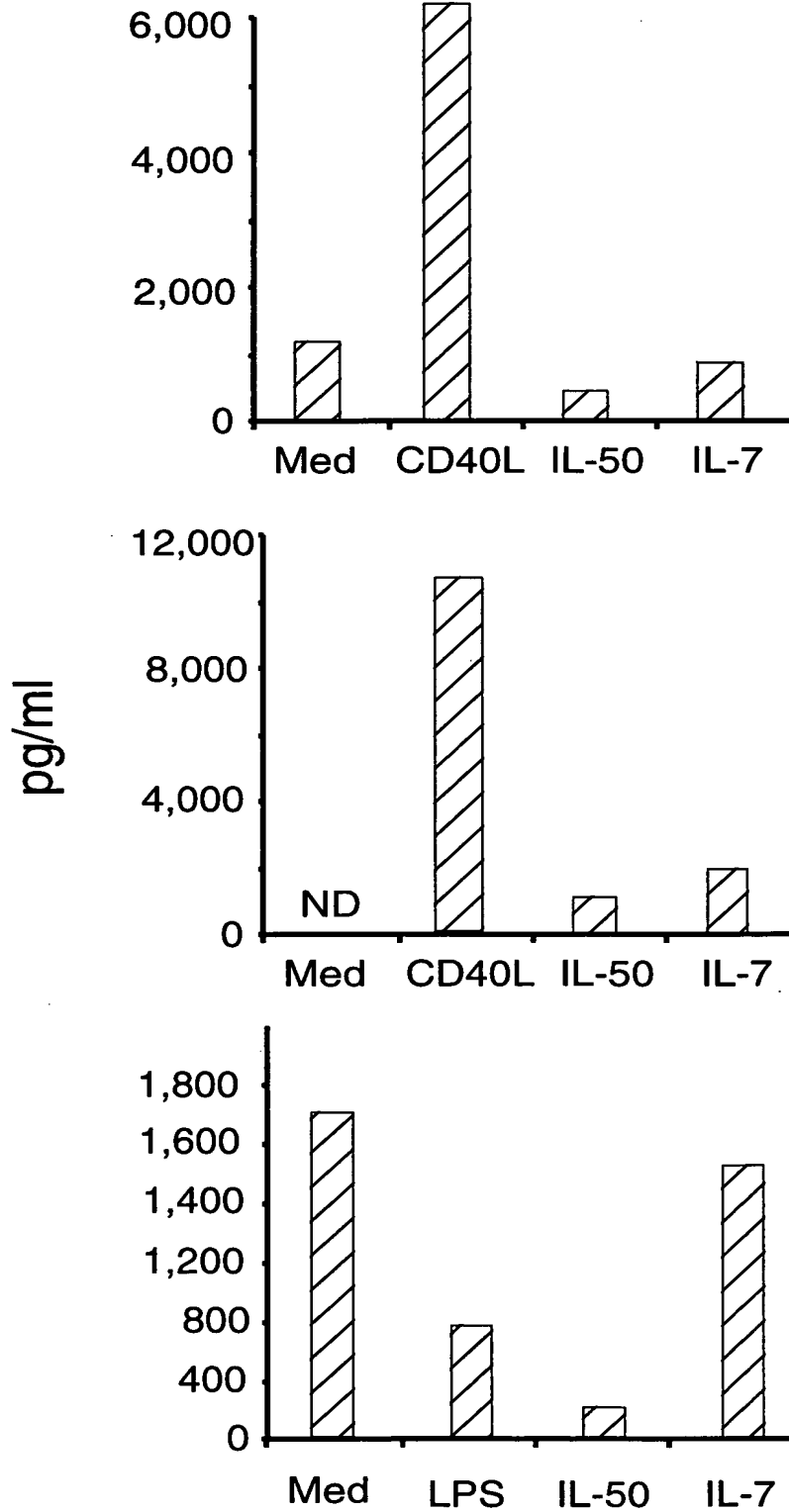


FIG. 9C

19/26

IL-10

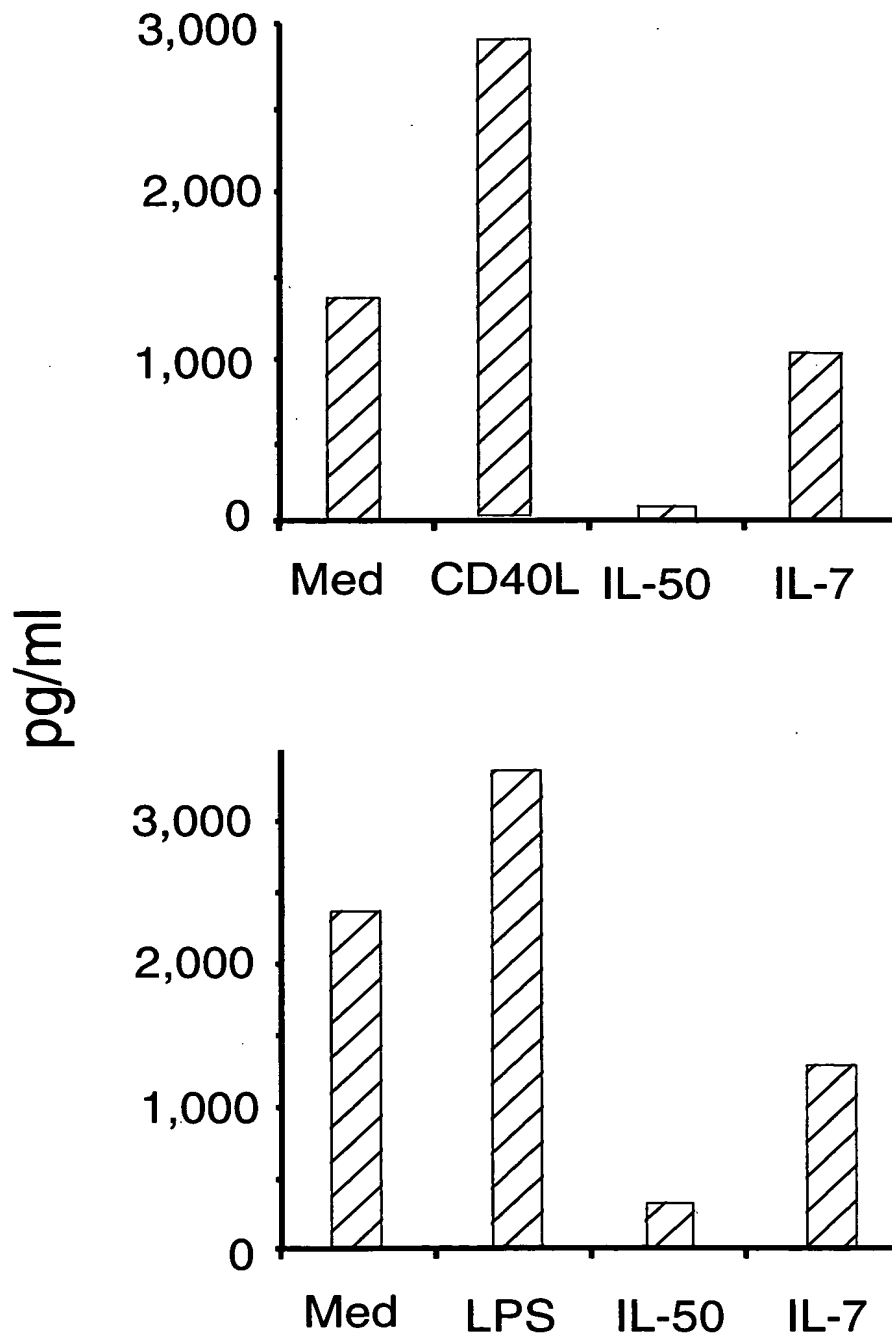


FIG. 9D

20/26

TNF- α

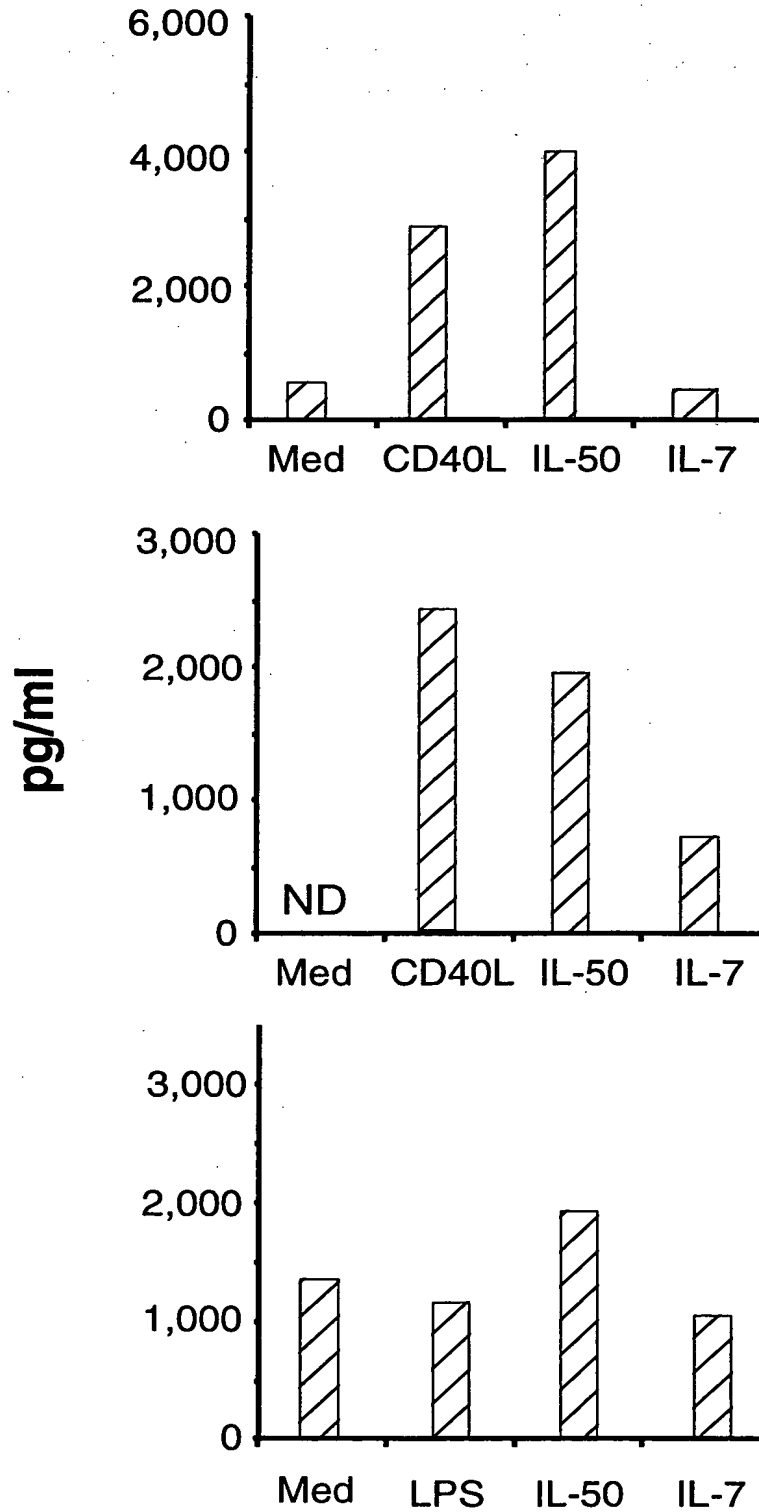


FIG. 9E

21/26

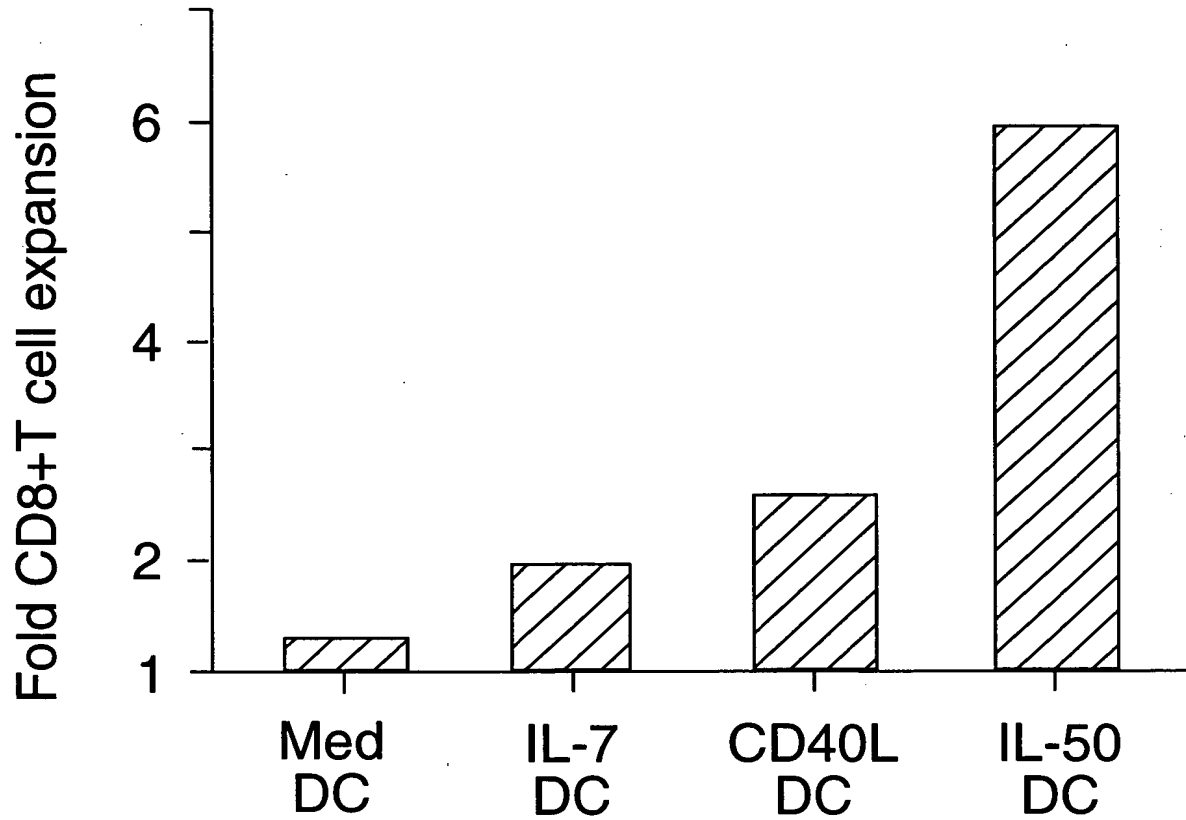


FIG. 10

22/26

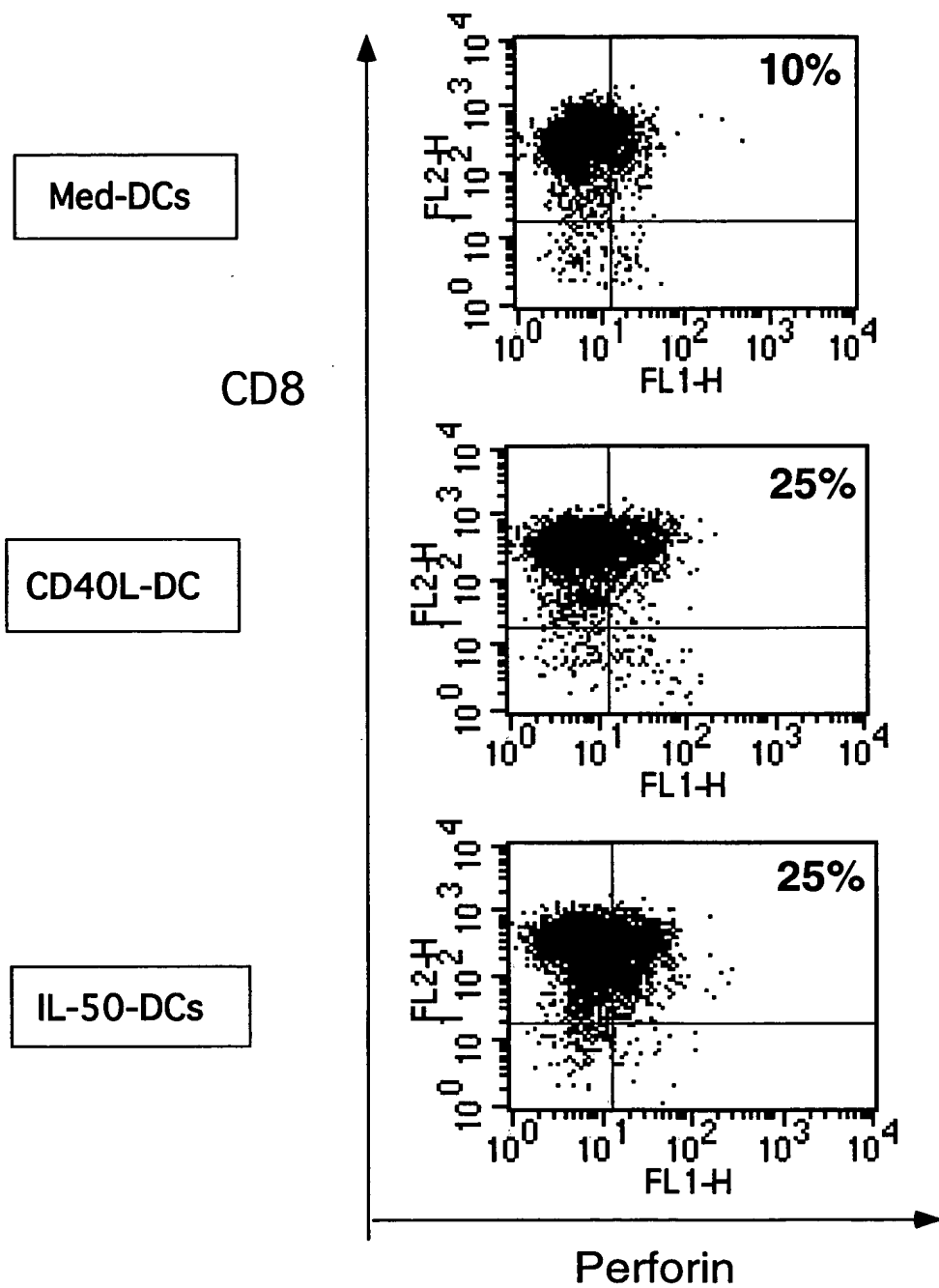


FIG. 11

23/26

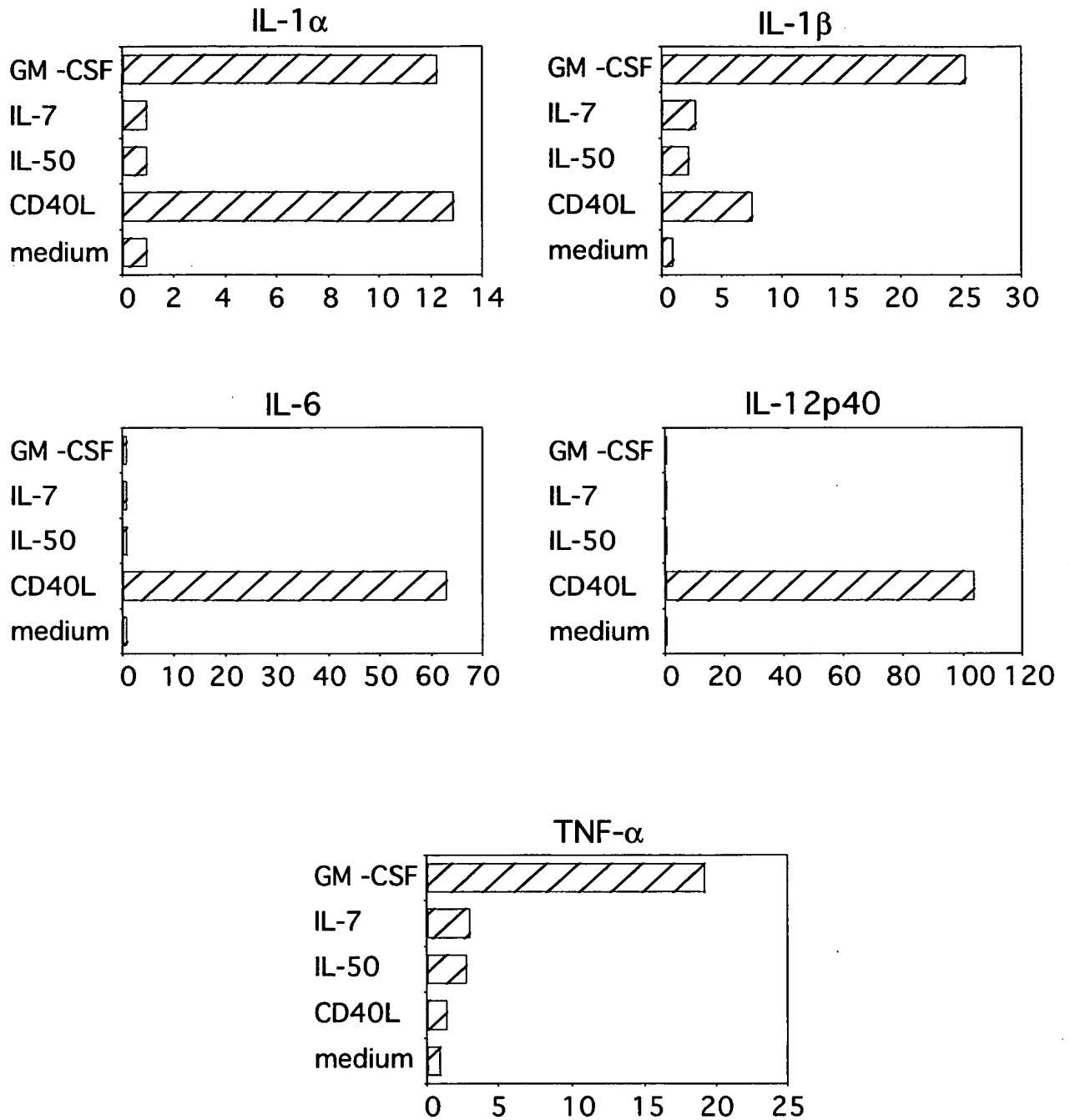
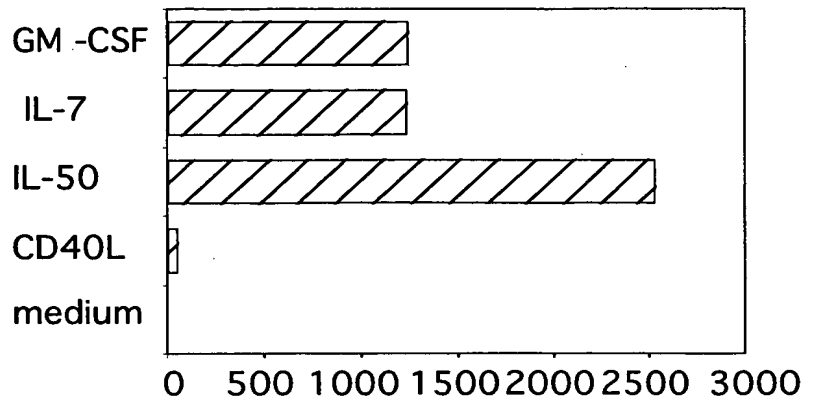


FIG.12A

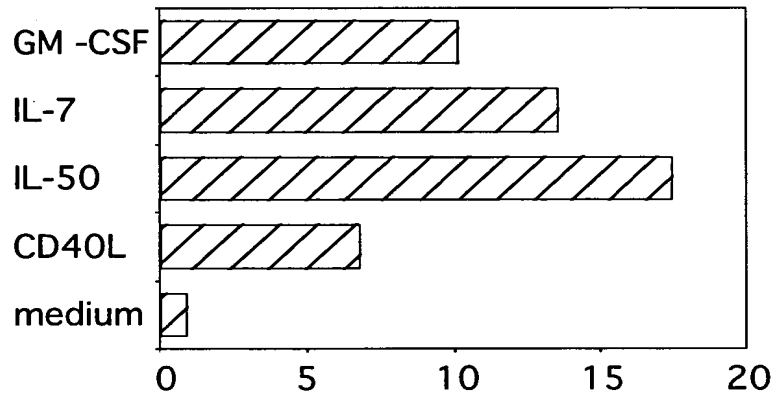
24/26

Th2

TARC



MDC



DC+Naive

MIP3-beta

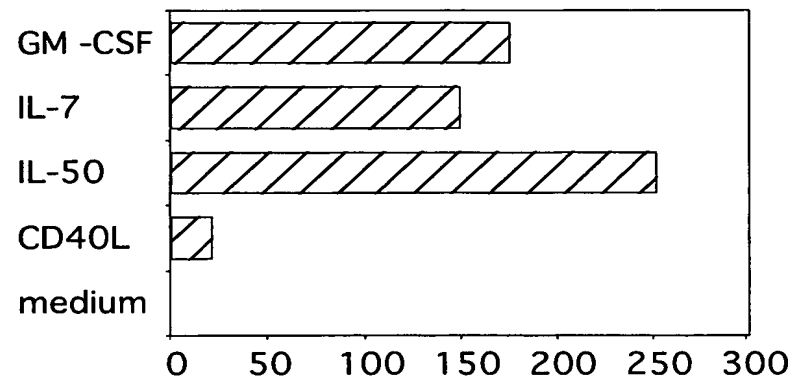
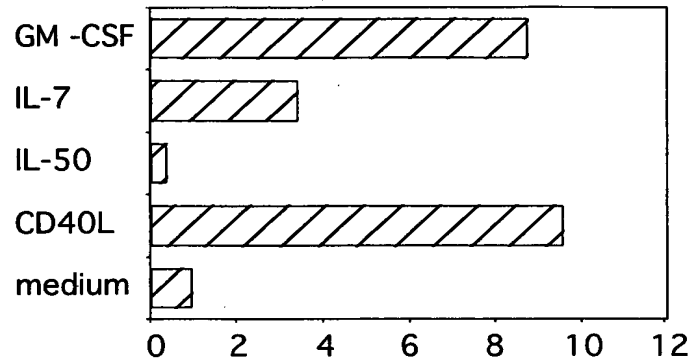


FIG. 12B

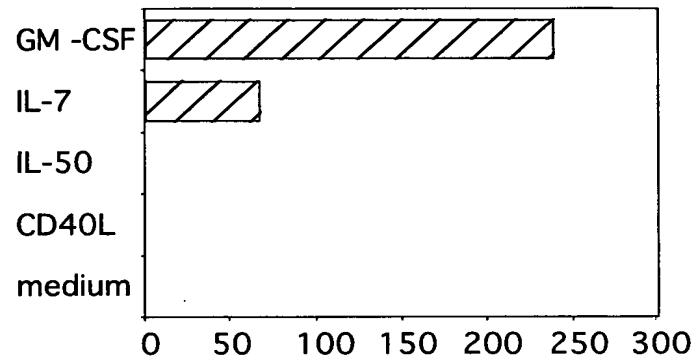
25/26

Th2+Th1

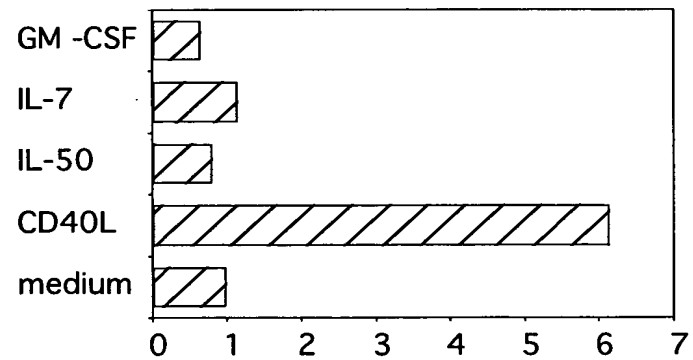
MCP-1



MCP-4



RANTES



Th1

MIG

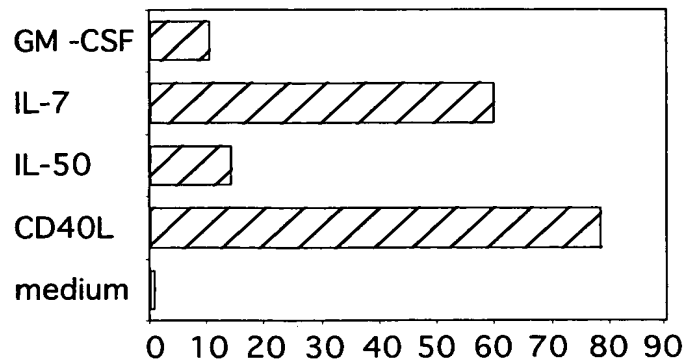


FIG. 12C

26/26

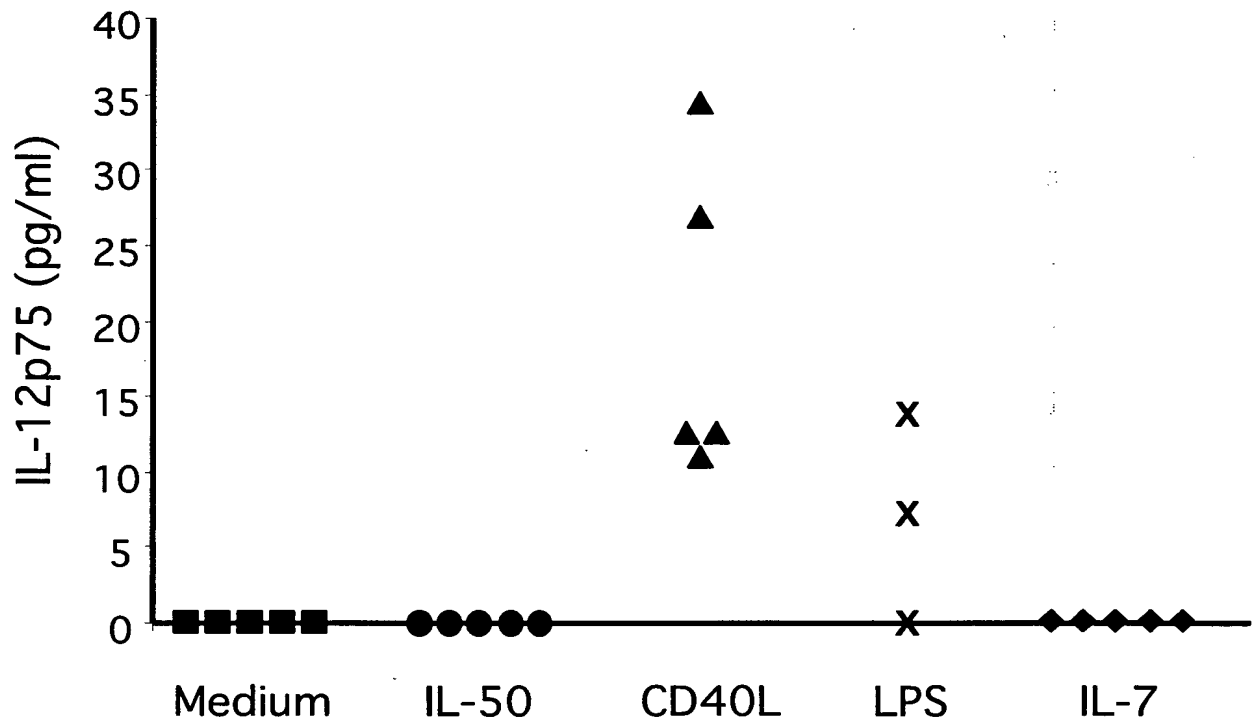


FIG. 13